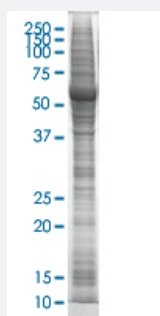


COL6A2 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

Catalog # L064T6

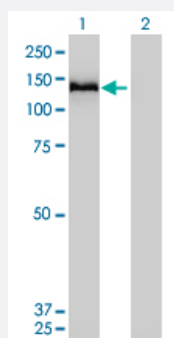
Size 100 ug

Applications



SDS-PAGE Gel

COL6A2 transfected lysate



Western Blot

Lane 1: COL6A2 transfected lysate (109 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line HEK293

Plasmid pCMV-COL6A2 full length

Host Human

Theoretical MW (kDa) 109

Lysis Buffer Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.

Concentration 2 mg/ml

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-COL6A2 antibody ([H00001292-M01](#)) by Western Blots.
SDS-PAGE Gel
COL6A2 transfected lysate
Western Blot
Lane 1: COL6A2 transfected lysate (109 KDa).
Lane 2: Non-transfected lysate.

Recommend Usage

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

Storage Buffer

In modified RIPA Lysis Buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

Gene Info — COL6A2

Entrez GeneID [1292](#)

GeneBank Accession# [BC002484](#)

Protein Accession# [AAH02484](#)

Gene Name COL6A2

Gene Alias DKFZp586E1322, FLJ46862, PP3610

Gene Description collagen, type VI, alpha 2

Omim ID [120240](#) [158810](#) [254090](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene encodes one of the three alpha chains of type VI collagen, a beaded filament collagen found in most connective tissues. The product of this gene contains several domains similar to von Willebrand Factor type A domains. These domains have been shown to bind extracellular matrix proteins, an interaction that explains the importance of this collagen in organizing matrix components. Mutations in this gene are associated with Bethlem myopathy and Ullrich scleroatonic muscular dystrophy. Three transcript variants have been identified for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000115569|alpha 2 type VI collagen|collagen VI, alpha-2 polypeptide|collagen alpha-2(VI) chain|human mRNA for collagen VI alpha-2 C-terminal globular domain

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)